

Sajal Regmi

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SUMMARY

My goal is to be part of a forward-thinking team that embraces challenges and creates products with a lasting impact. Eager to contribute to the development of transformative technologies.

EXPERIENCE

Co-Founder and Engineer

Ticket Sewa Pvt Ltd

May 2023 - Present, Remote

- Assuming multiple roles as co-founder, product manager, and engineer, to develop a comprehensive ticketing solution for Nepal.
- Actively engaging in REST API development using Node.js Express, implementing microservices architecture, architecting the database's Entity-Relationship Diagram (ERD), and creating a sophisticated admin dashboard using React JS.
- Directly Involved in implementing impactful UI/UX design enhancements, ensuring seamless user experiences.
- Spearheading daily stand-ups, status meetings, sprint planning sessions, implementing agile practices resulting in a 25% increase in project velocity.
- Integrated ticketing services from 7 airlines, 10 event organizers, and 20 bus service providers, expanding ticketing options by 50% within 45 days.
- Led the hiring process, conducted candidate interviews, and assembled a motivated team of engineers, establishing a dynamic environment where talents flourish.

Project Lead

Pudonepal Pvt Ltd

January 2022 - May 2023, Remote

- Oversaw the development of a [platform](#) poised to revolutionize last-mile delivery solutions, resulting in a projected 30% increase in delivery efficiency upon launch.
- Analyzed market data and competitor offerings, performed user research, influencing the integration of features predicted to enhance the delivery system's efficiency by 20%.
- Strategically located 170 PUDO stations, optimizing coverage to initially serve a potential 500,000+ customers within the densely populated Kathmandu city.
- Streamlined the station acquisition process laying the groundwork for extended service coverage upon the application's launch.
- Collaborated on a revenue model, projecting a passive income stream for 2000 stations and 300 delivery workers, aiding 200 online small businesses in reaching their customers over the next 3 years.
- Recognized for outstanding performance with a 5% allocation of stock options.

Product Development Intern

Karyathalo IT and Web Solutions

August 2020 - July 2021, Kalikasthan, Kathmandu

- Strategically managed project timelines, deliverables, and resource allocation, ensuring timely delivery of the [web application for Kathmandu Metropolitan City](#).
- Led requirements gathering and translated the vision into actionable goals, resulting in an anticipated 30% decrease in physical visits to Metropolitan offices.
- Conducted frequent meetings and demo sessions to showcase progress and gather feedback, ensuring seamless alignment with the client's expectations and making necessary adjustments.
- Successfully deployed an accessible platform serving 5 million users, streamlining service delivery to Metro's inhabitants.

Game developer and Product Lead

Karela Games

February 2019 - December 2020, Pokhara, Nepal

- Executed end-to-end game design and development in C# Unity, encompassing animation design, strategic game UX decisions, image/sprite construction, and intricate game mechanics design.
- Demonstrated collaborative efforts resulting in the creation of three captivating games, contributing to a remarkable 1k+ organic Play Store downloads at an early age of 17. Games - [Frustration Pill](#), [Texting and Walking](#), [Vertical Challenge](#).
- Spearheaded product decisions, Integrated Facebook analytics to gather In-Game data, and conducted market research and competitor analysis, resulting in a 50% increase in downloads after the first update.
- Collaborated with a prominent Publisher - Super Developers for prototyping new concepts while implementing Agile methodologies, streamlining project workflows, and ensuring on-time delivery of games.

EDUCATION

Bachelor of Science in Engineering in Biomedical Engineering

Arizona State University • Tempe, AZ • 2025

SKILLS

Software Development: Node.js, Express, React.js, Redux, RESTful API, MySQL database

Project Management: Agile Methodologies, Sprint Planning, Lean Six Sigma Principles

Product Development: Market Research and Competitor Analysis, Product Roadmapping, UX Design, User Research

Engineering: MATLAB, Python, Fusion 360, Auto CAD, SPICE